ABSTRACT OF THE DISCLOSURE

A concrete railroad grade crossing comprised of a precast concrete gauge panel extending between the rails and precast concrete field panels which extend between each rail and the roadway. Elastomeric gauge seals are provided on the opposite sides of the gauge panels for sealing the space between the sides of the gauge panels and the rails. Elastomeric field seals are provided on the inner ends of the field panels for engagement with the outer sides of the rails. The seals are secured to the panels by bolt and channel member assemblies.